

JP55104913 Biblio**MANUFACTURE OF IMPROVED A-TYPE ZEOLITE FORMED BODY**

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Abstract

PURPOSE: To obtain the title product having high adsorption power and high mechanical strength by heat treating A-type zeolite preformed by a known method; contacting it to a soln. contg. metal ion ion-exchangeable for the zeolite-forming I or II group metal; and separating the formed body.

CONSTITUTION: A-type zeolite $M_2/nO \cdot Al_2O_3 \cdot xSiO_2 \cdot yH_2O$ (where M is a metal; n is ion valence and each of x and y is a positive number) preformed by a known method is heat treated at 400 deg.C or above and contacted to a soln. contg. metal ion ion-exchangeable for the zeolite-forming I or II group metal. The concn. of the soln. ranges from 1N to saturation in case of $Na^{+} \leftrightarrow Ca^{2+}$. The ion-exchanged zeolite formed body is then separated from the soln., optionally washed with water, and dried at 400 deg.C or below, pref. 80-120 deg.C.

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